



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday, September 19, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today - Tomorrow

- **Areas of heavy rain/flash flooding for Central & S NM into Far W TX beginning this afternoon, threat expands into W TX and the TX/OK Panhandles by tomorrow.**
- **Minor to moderate river flooding will continue across S TX.**

Friday – Sunday

- **Areas of heavy rain/flash flooding possible for N and W TX into OK Friday; N TX, OK, and AR on Saturday; AR into the Arklatex on Sunday.**
- **Minor to moderate river flooding will continue across S TX.**

Tropical Outlook

- **Florence and Joyce have dissipated.**
- **NHC is monitoring 2 areas that have a low chance of development in the next 5 days, impacts to FEMA 6 from either of these systems appears unlikely at this time.**

FEMA Region 6 Threat Matrix

Sept 19, 2018 – Sept 23, 2018



SR ROC
REGIONAL OPERATIONS CENTER

| DAY / THREAT | WED | THU | FRI | SAT | SUN |
|--------------------------------|---|---|----------------------------|----------------------------|----------------------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | Central & Southern NM into Far West TX | Southern NM, West TX, TX/OK Panhandles | North & West TX into OK | North TX into OK and AR | AR into the Arklatex |
| Fire Weather | | | | | |
| Tropical Weather | | | | | |
| River Flooding | STX | STX | STX | STX | STX |

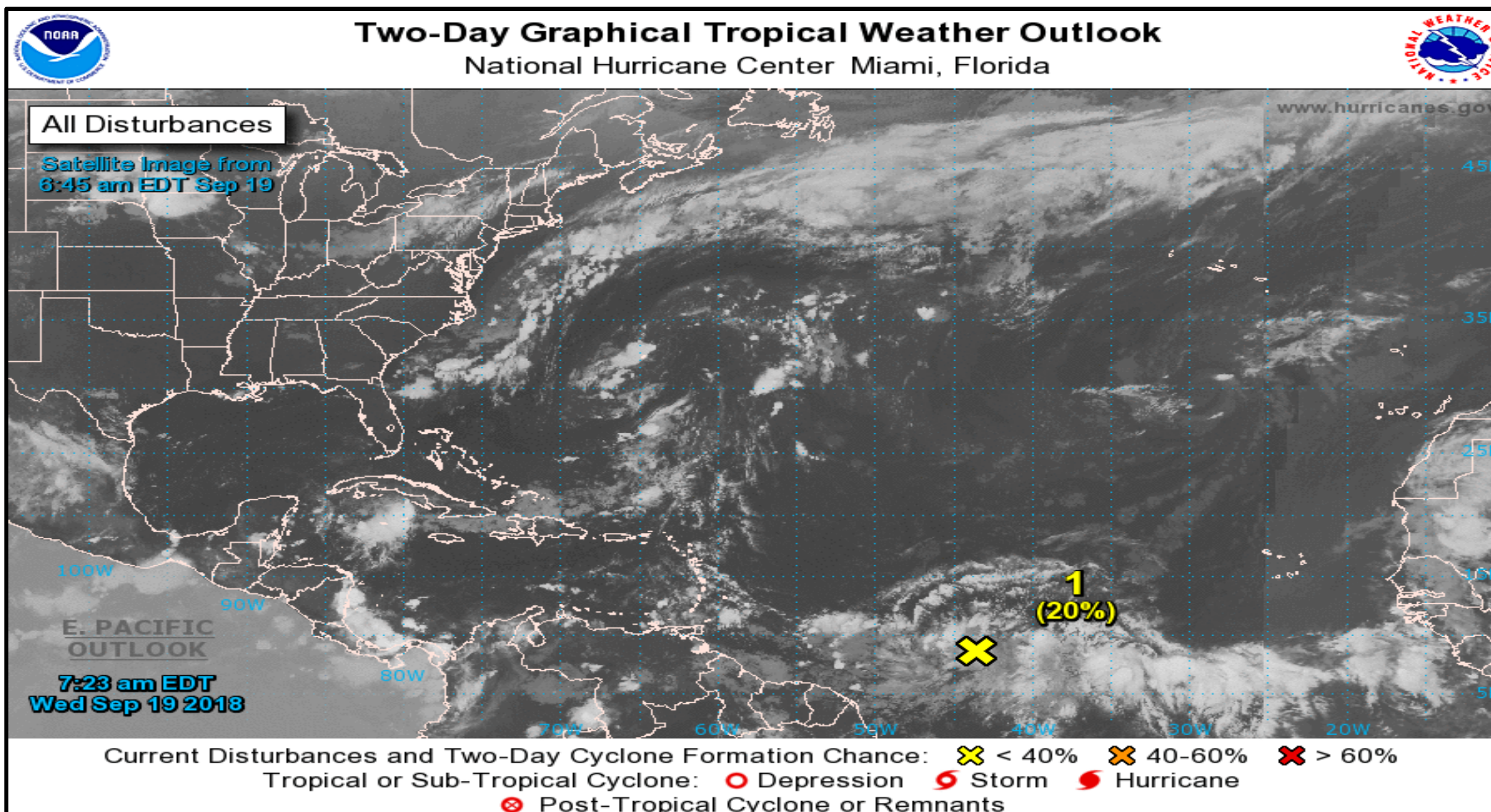
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER



A large area of disturbed weather located a little more than 1000 miles east of the Windward Islands is associated with a tropical wave moving westward about 10 to 15 mph. Some slight development is possible during the next day or two before the environment becomes unfavorable for tropical cyclone formation.

* Formation chance through 48 hours...low...20 percent.

* Formation chance through 5 days...low...20 percent..

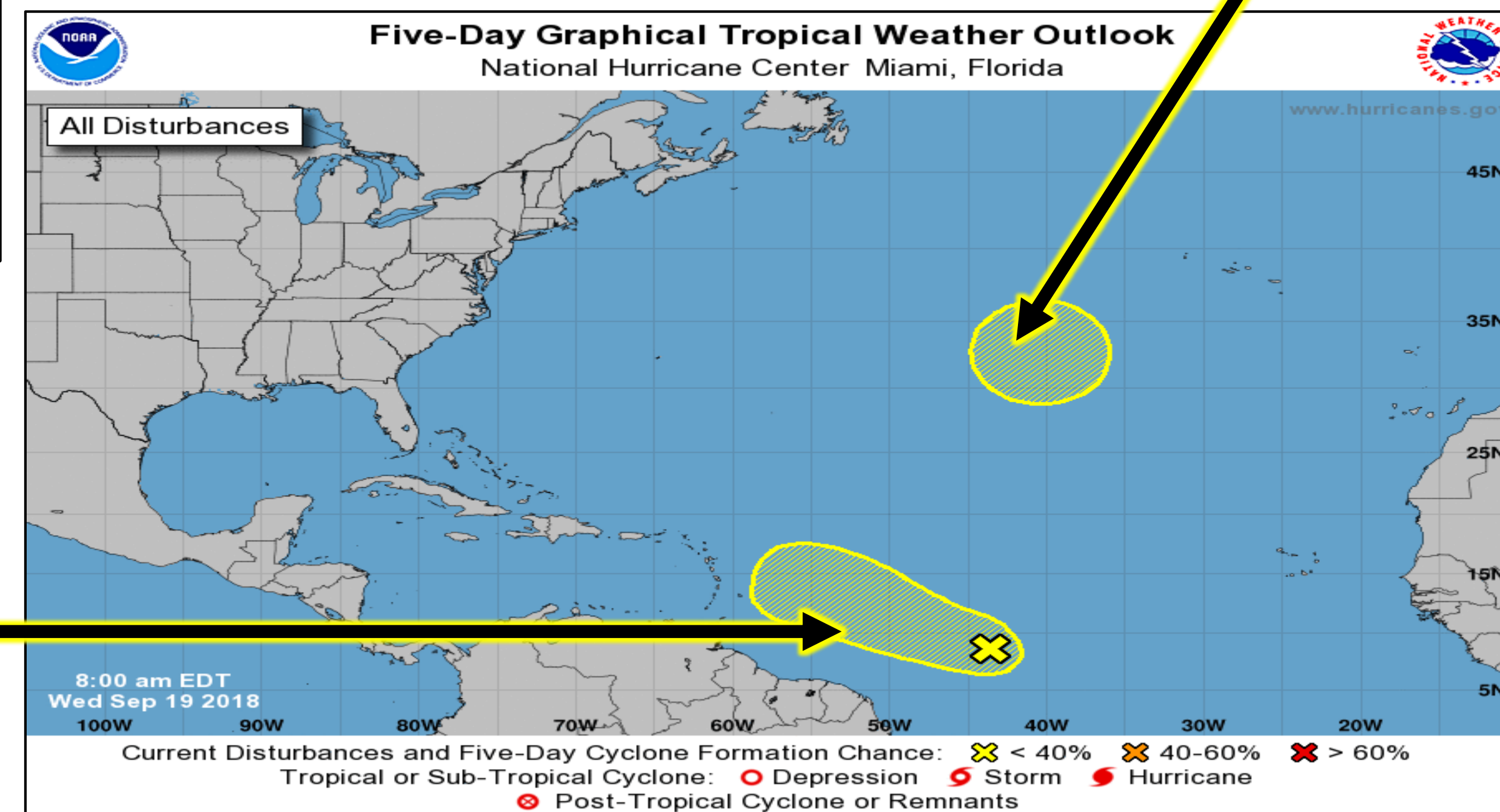
Impacts to FEMA 6 look unlikely at this time.

A non-tropical low is forecast to form this weekend between Bermuda and the Azores. After that time, conditions are expected to be favorable for subtropical or tropical cyclone formation while the low meanders over the north Atlantic.

* Formation chance through 48 hours...low...near 0 percent.

* Formation chance through 5 days...low...20 percent.

Impacts to FEMA 6 look unlikely at this time.

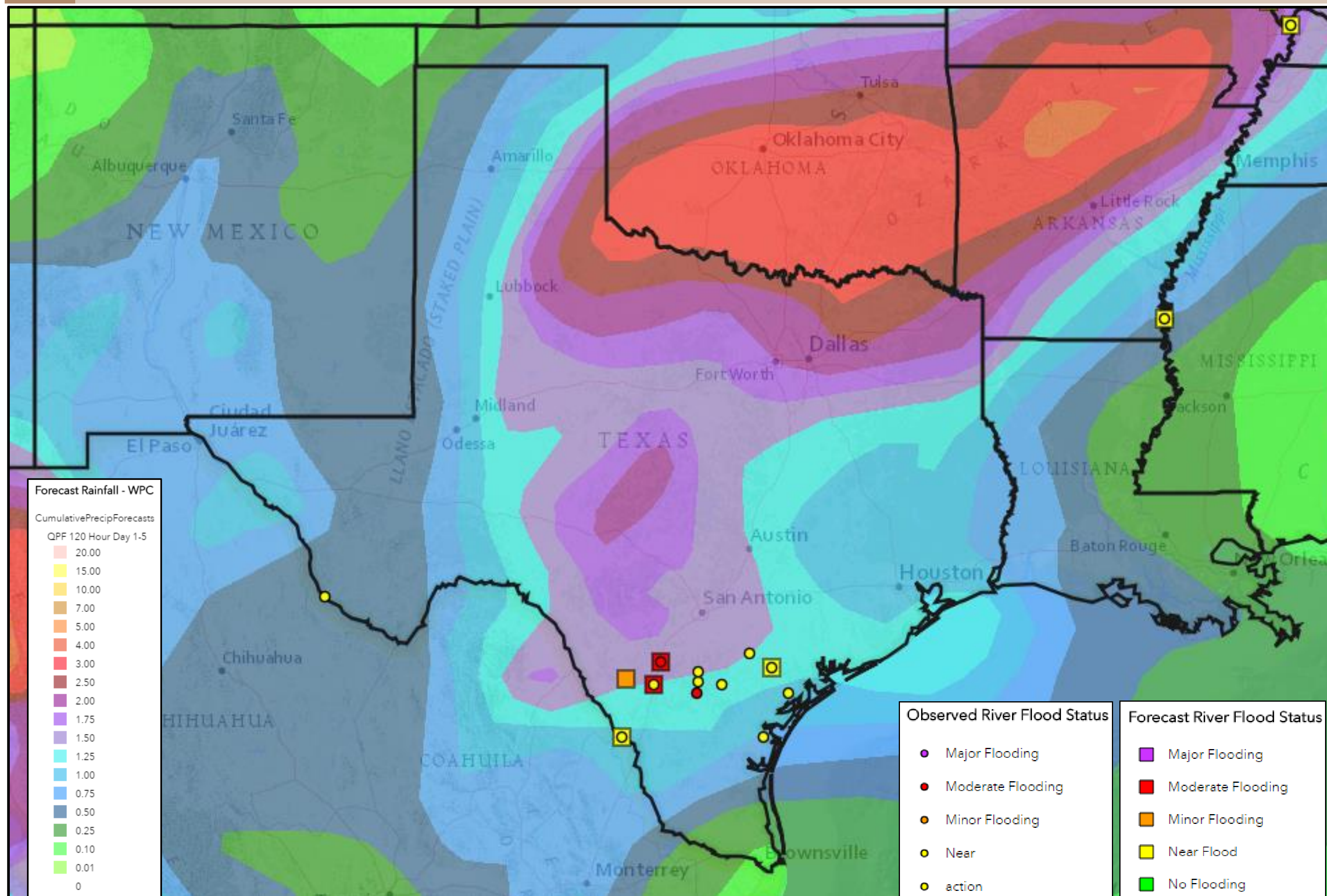


5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate river flooding continues for portions of the Neuces River in STX.

The Nueces River near Tilden will likely remain in Moderate Flood Stage through most of this week with another rise to near major flood late this week into next weekend.

Potential impacts include: Major lowland flooding of livestock, roads, irrigation pumps and tank batteries. Fencing is damaged as well as hunting cabins.

Additional rain is forecast in STX from Friday into this weekend. This may bump up current rises, but no significant impacts are expected at this time.

Today's Weather



Forecast Chart



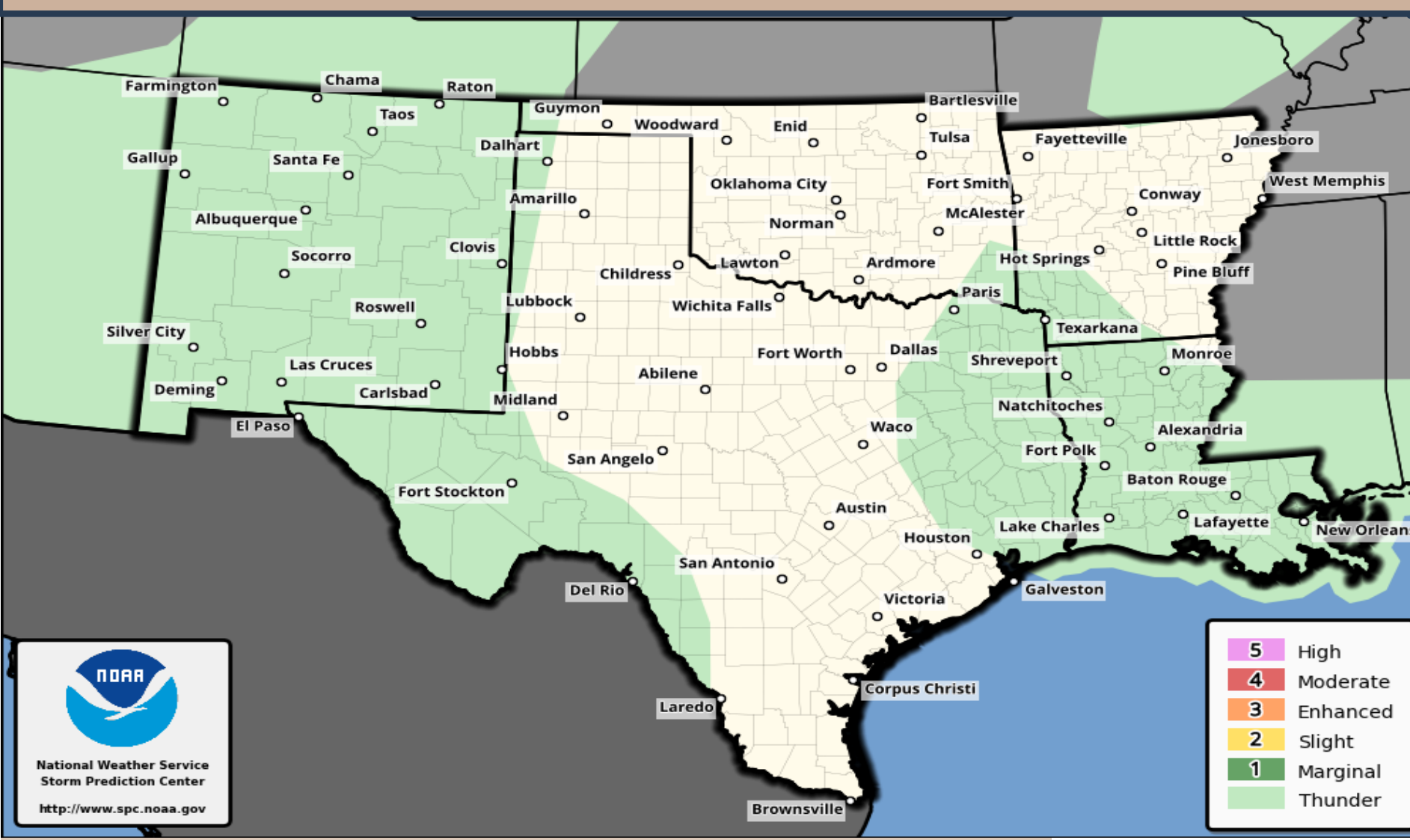
Forecast Rainfall



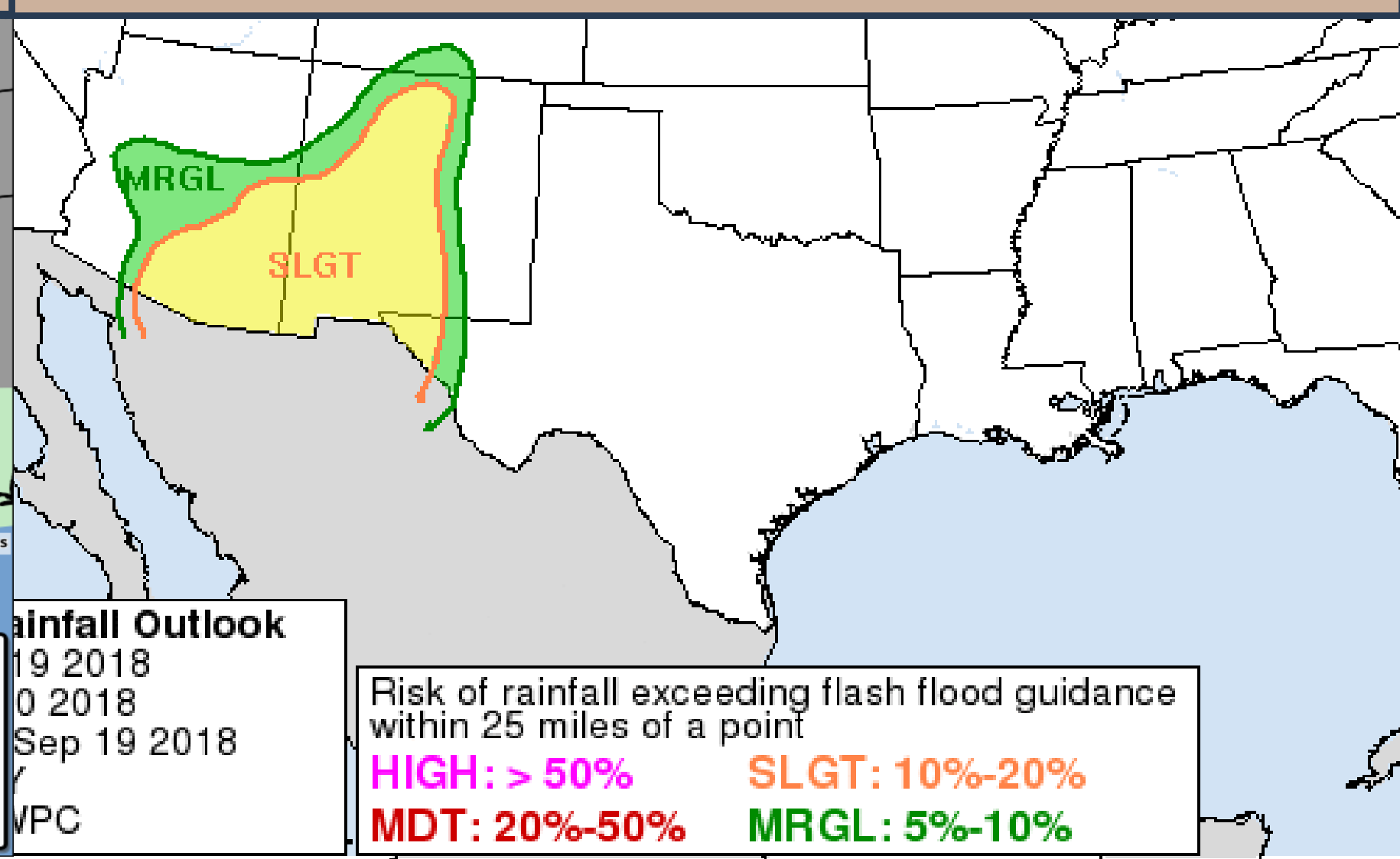
Areas of heavy rain/flash flooding across Central and Southern NM into Far W TX.

River Flooding will continue across STX.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



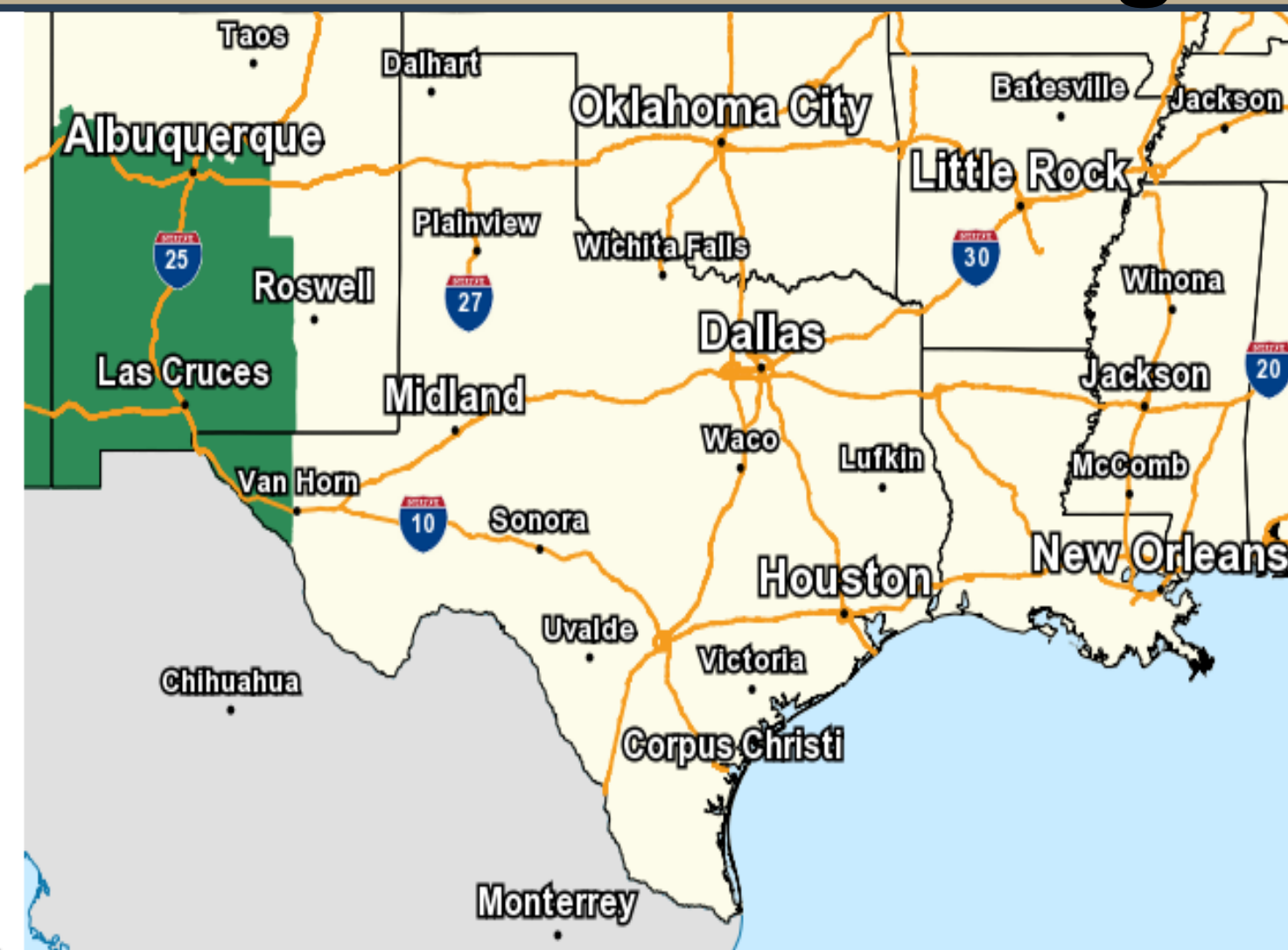
SR ROC
REGIONAL OPERATIONS CENTER

Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash Flood Watches are in effect for Central and Southern NM into Far West TX beginning this afternoon into Thursday morning.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

Isolated heavy rain/
flash flooding possible in
S NM into W TX & the
TX/OK Panhandles.

River Flooding will continue
across S TX.

Severe Weather Outlook

Excessive Rainfall Outlook

Friday's Weather



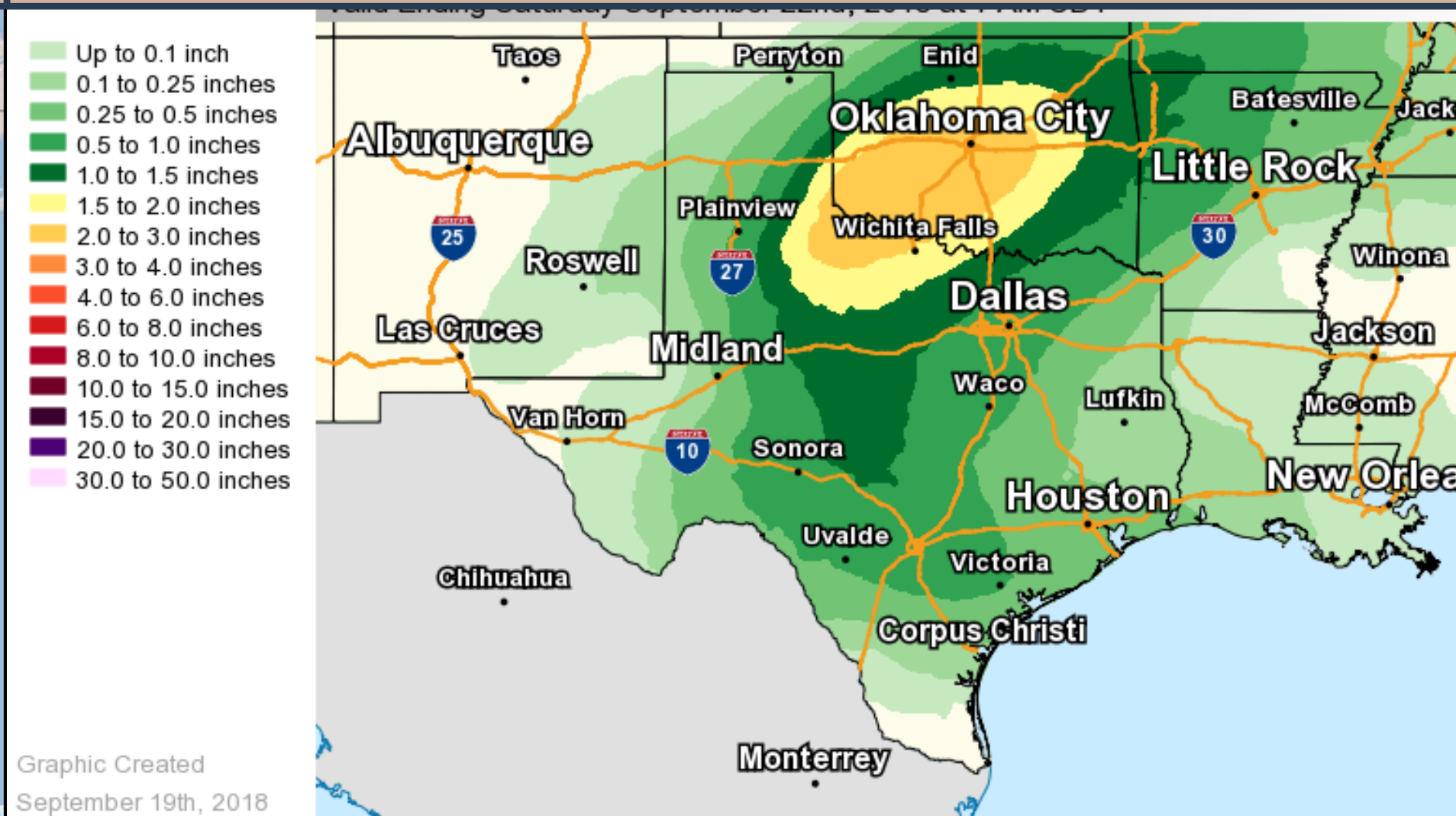
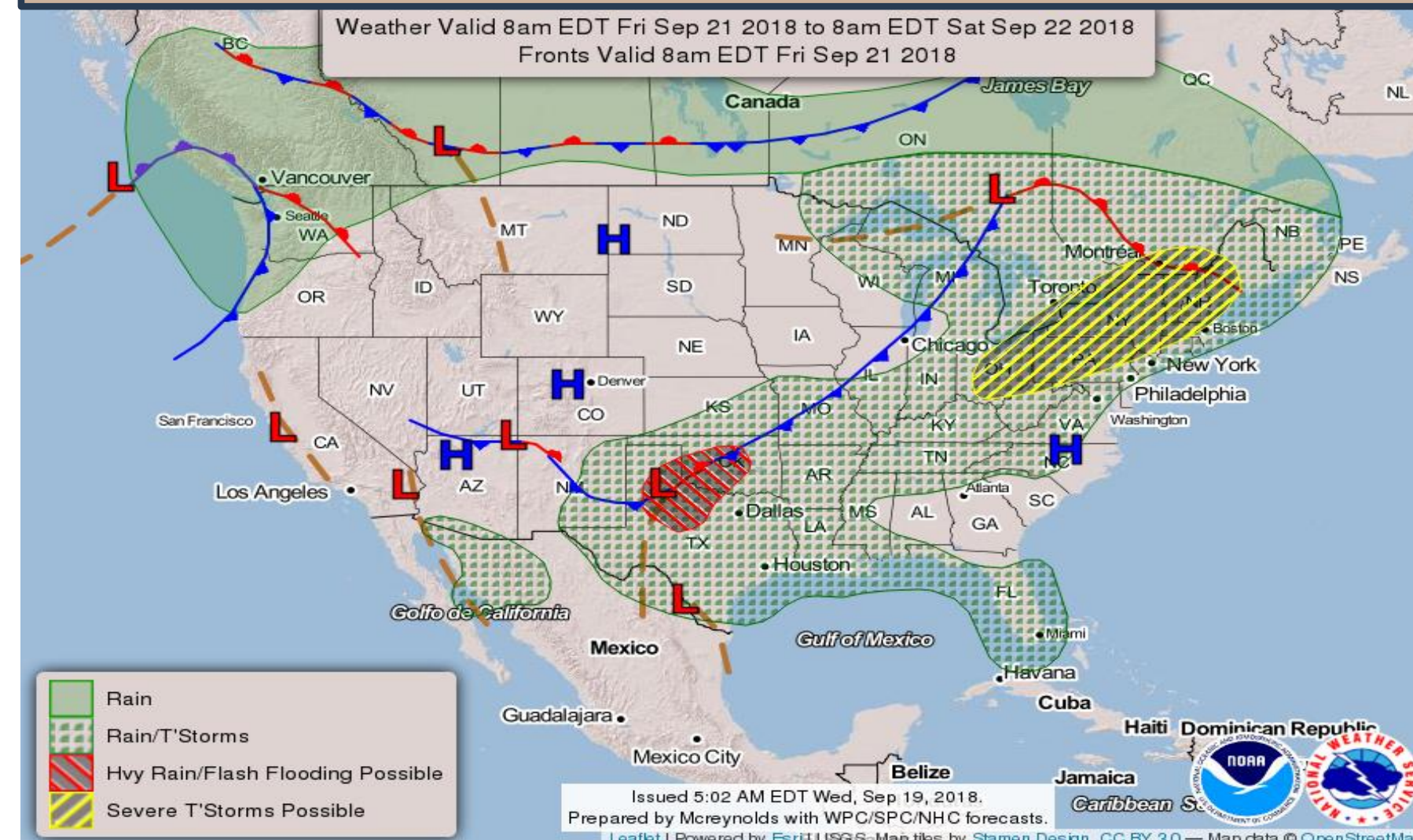
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

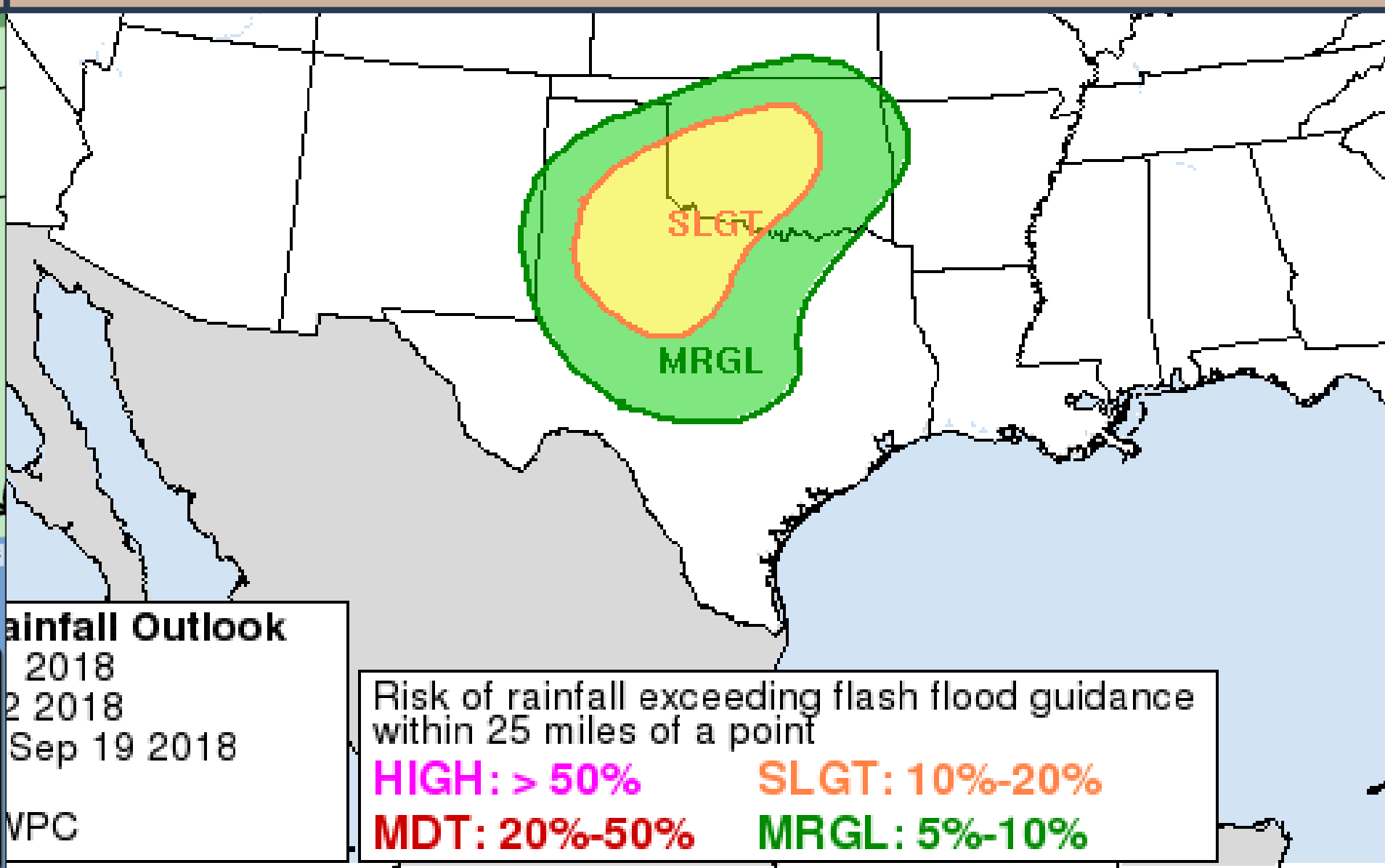
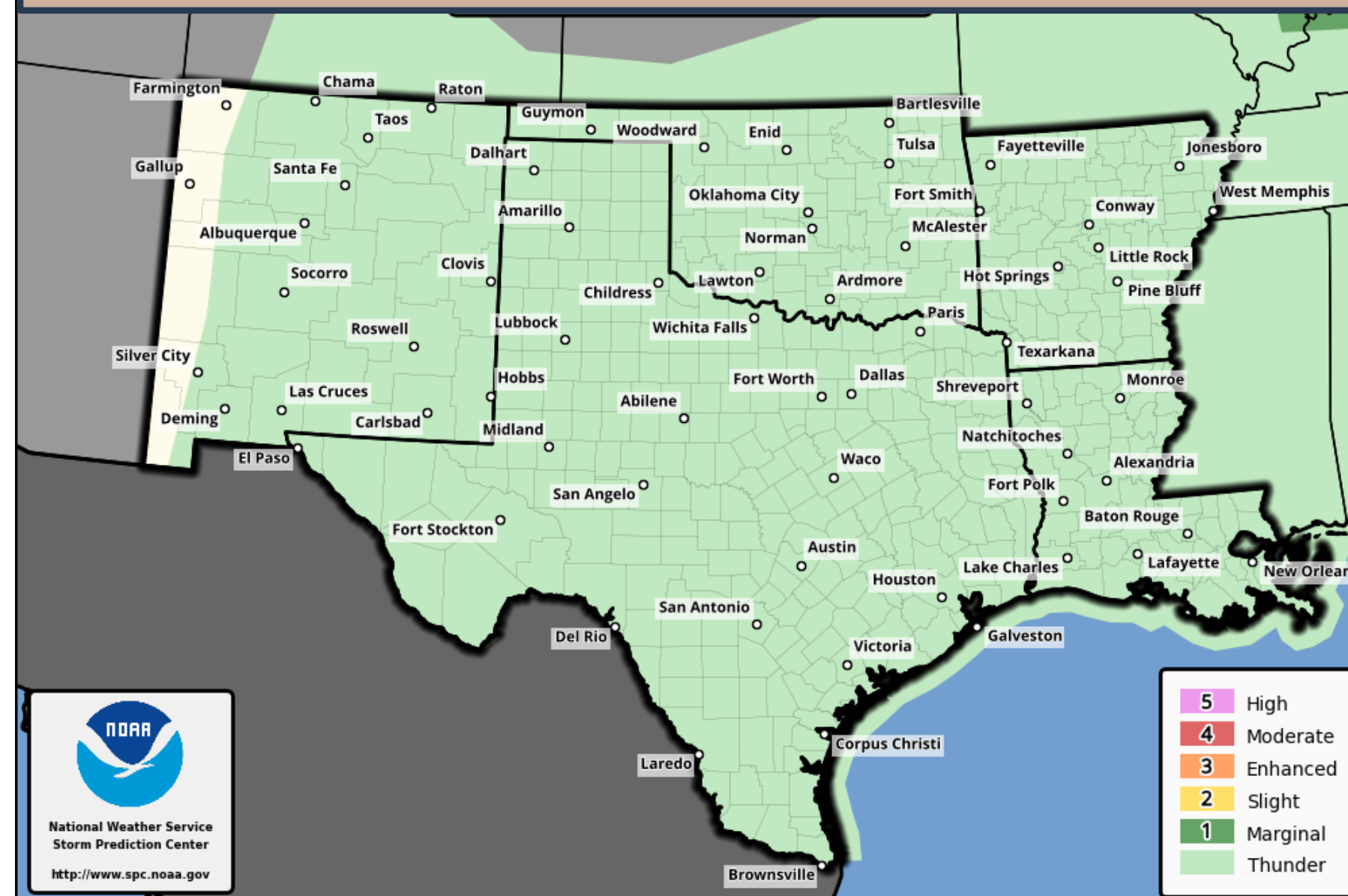
**Areas of heavy rain/
flash flooding for North and
West TX into OK.**

**River flooding continues in
STX.**



Severe Weather Outlook

Excessive Rainfall Outlook

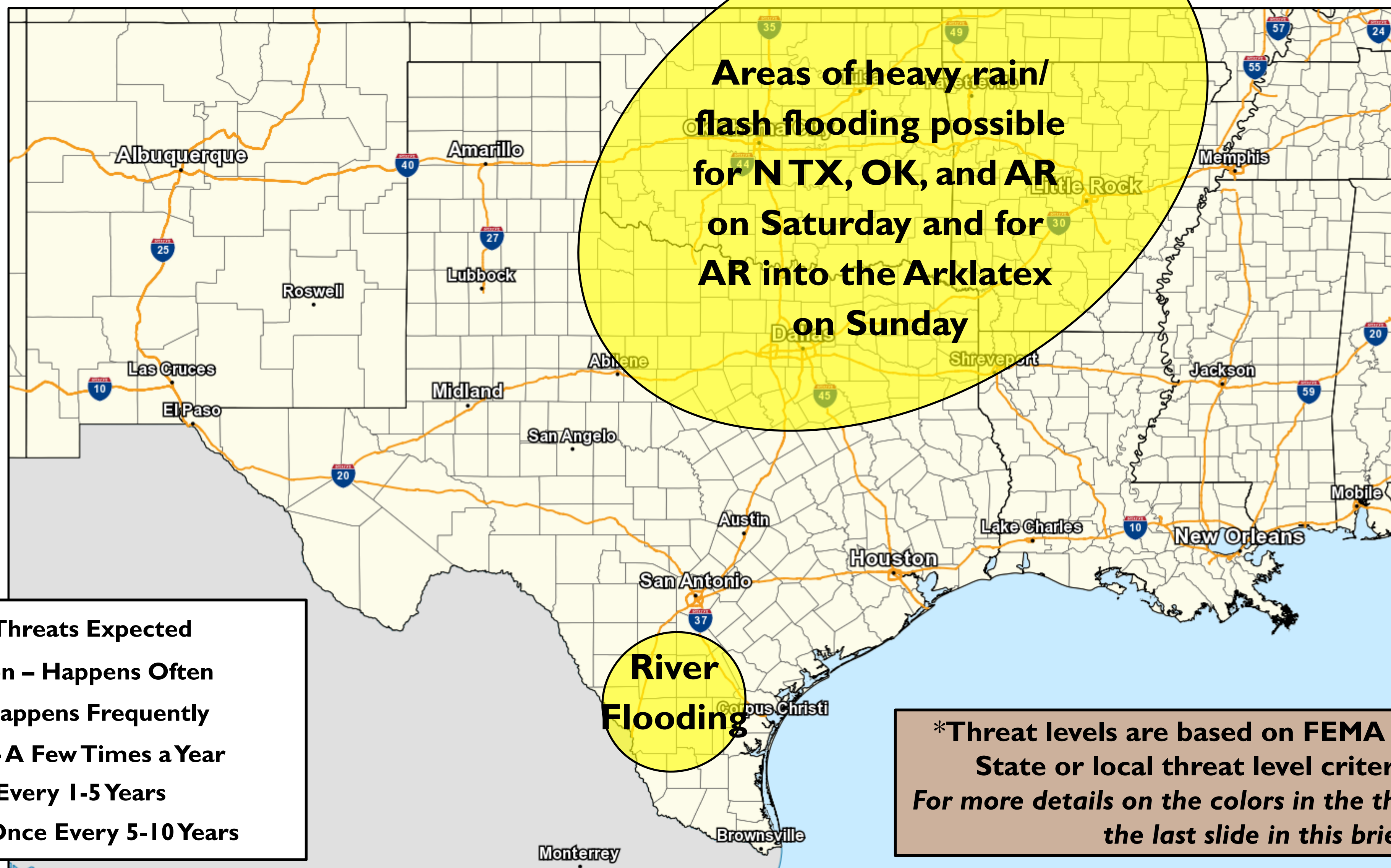


Days 4-5 Weather Hazards

Saturday - Sunday



SR ROC
REGIONAL OPERATIONS CENTER

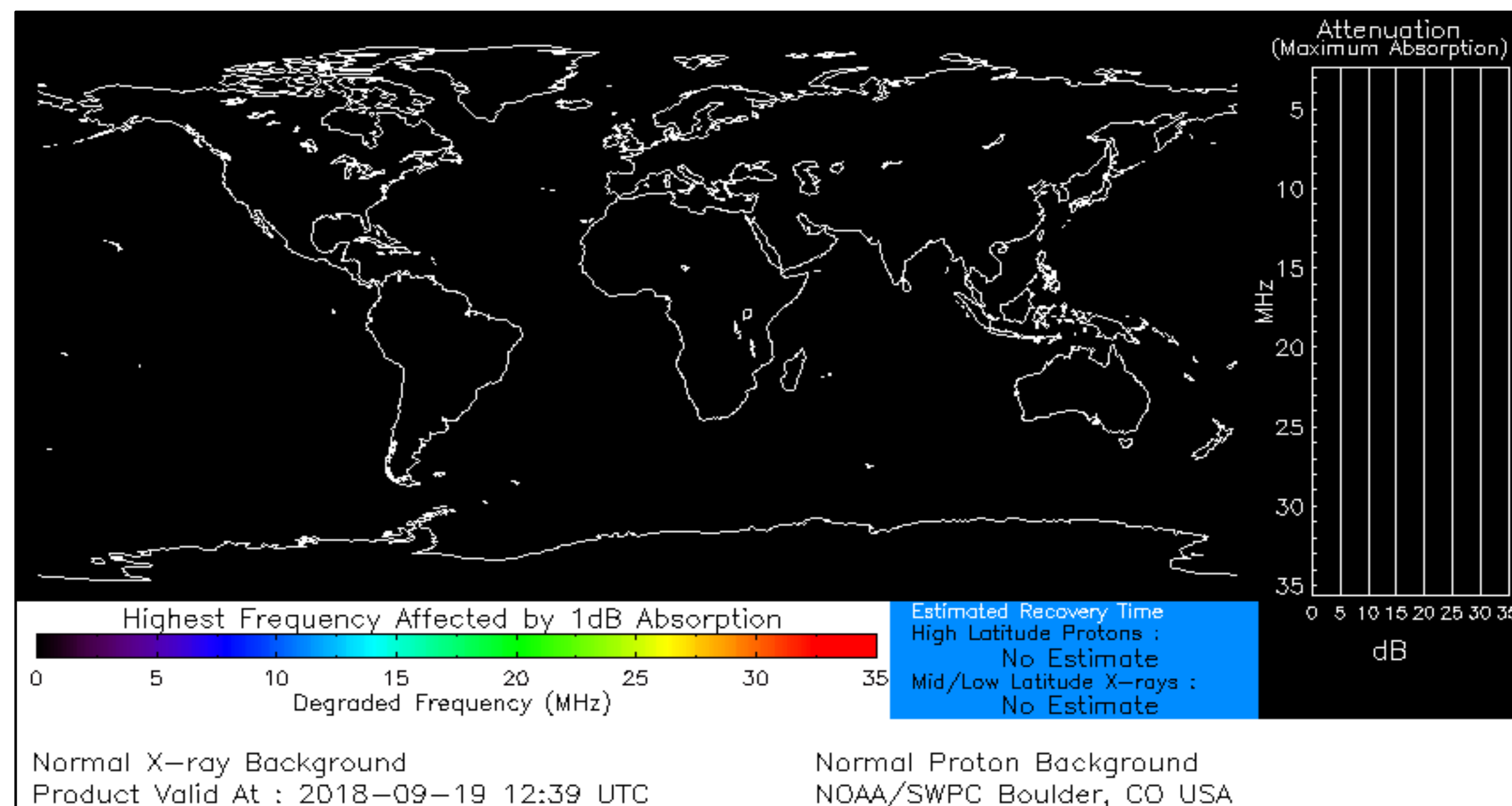


Space Weather 3-Day Forecast



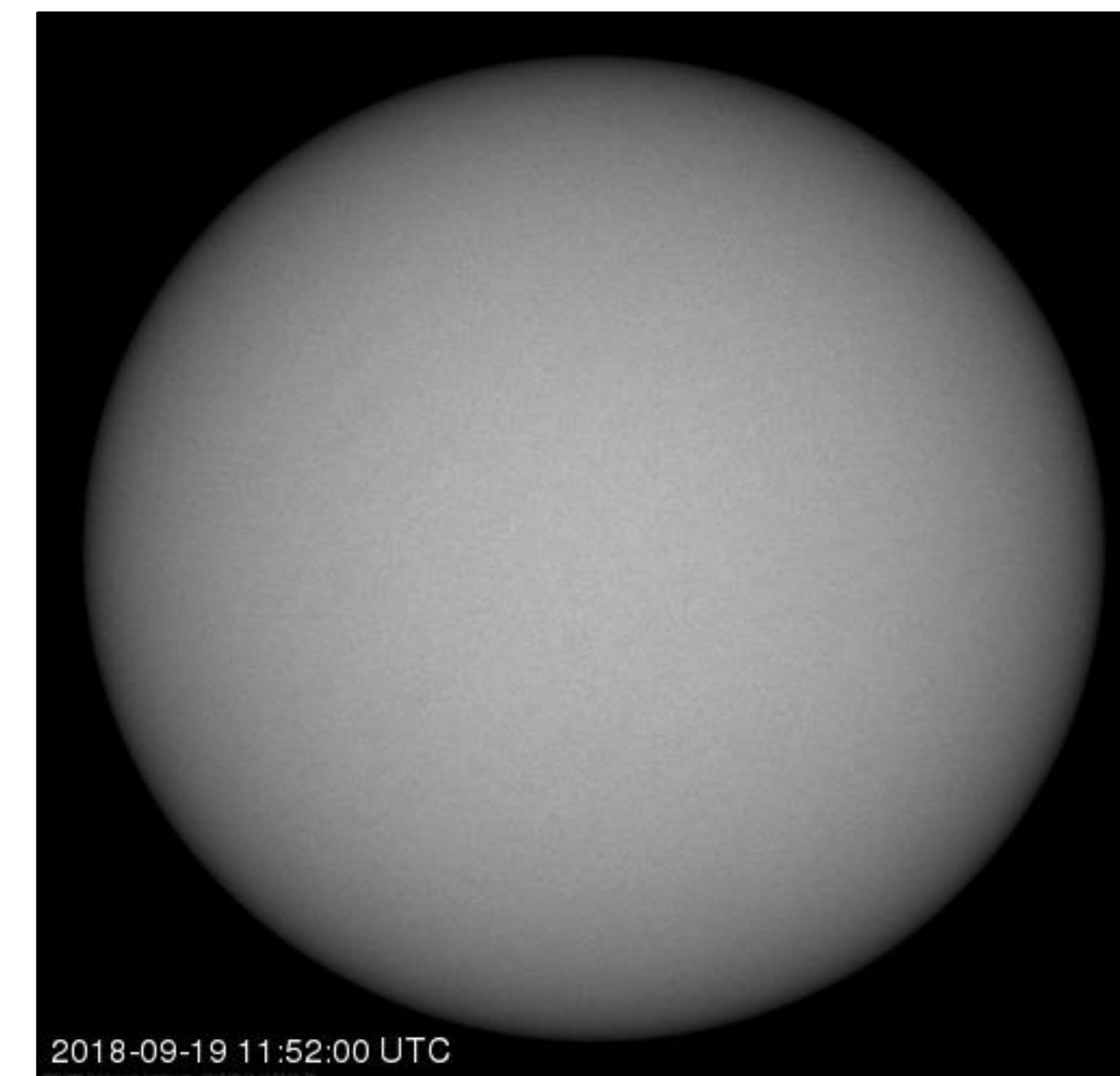
SR ROC
REGIONAL OPERATIONS CENTER

| | Wednesday | Thursday | Friday |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)



2018-09-19 11:52:00 UTC



For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none">Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few treesSomething that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none">2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possibleScattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none">A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likelyNumerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hailSome large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none">A Category 1 hurricane will be moving towards the NW Gulf in the next few daysWidespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hailLarge fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none">A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrowWidespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.